SEQUENCE LISTING

<110> YAMAGUCHI, MASAYOSHI

<120> MODEL ANIMAL WITH OVEREXPRESSION OF REGUCALCIN

<130> 671302-2006

<140> 10/804,515
<141> 2004-03-19

<150> PCT/JP02/09611
<151> 2002-09-19

<150> JP 2002-177666
<151> 2002-06-18

<150> JP 2001-287698
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<170> PatentIn Ver. 3.2

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ggg gag tcc cct gtg tgg gag gag gca tca aag tgt ctg ctg ttt gta   96
Gly Glu Ser Pro Val Trp Glu Glu Ala Ser Lys Cys Leu Leu Phe Val
             20                  25                  30

gac atc cct tca aag act gtc tgc cga tgg gat tcg atc agc aat cga   144
Asp Ile Pro Ser Lys Thr Val Cys Arg Trp Asp Ser Ile Ser Asn Arg
         35                  40                  45

gtg cag cga gtt ggt gta gat gcc cca gtc agt tca gtg gca ctt cga   192
Val Gln Arg Val Gly Val Asp Ala Pro Val Ser Ser Val Ala Leu Arg
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cag tca gga ggc tat gtt gcc acc att gga acc aag ttc tgt gct ttg   240
Gln Ser Gly Gly Tyr Val Ala Thr Ile Gly Thr Lys Phe Cys Ala Leu
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aac tgg gaa gat caa tca gta ttt atc cta gcc atg gtg gat gaa gat   288
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tac ttt gct ggt acc atg gct gag gaa acc gcc cca gct gtt ctg gag   384
Tyr Phe Ala Gly Thr Met Ala Glu Glu Thr Ala Pro Ala Val Leu Glu
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cgg cac caa ggg tcc ttg tac tcc ctt ttt cct gat cac agt gtg aag   432
Arg His Gln Gly Ser Leu Tyr Ser Leu Phe Pro Asp His Ser Val Lys
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aaa tac ttt aac caa gtg gat atc tcc aat ggt ttg gat tgg tcc ctg   480
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gac cat aaa atc ttc tac tac att gac agc ctg tcc tac act gtg gat   528
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gcc ttt gac tat gac ctg cca aca gga cag att tcc aac cgc agg act   576
Ala Phe Asp Tyr Asp Leu Pro Thr Gly Gln Ile Ser Asn Arg Arg Thr
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gtt tac aag atg gaa aaa gat gaa caa atc cca gat gga atg tgc att   624
Val Tyr Lys Met Glu Lys Asp Glu Gln Ile Pro Asp Gly Met Cys Ile
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att cgc cta gat cct gag aca ggg aaa aga ctg caa act gtg aag ttg   720
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cct gtt gat aaa aca act tca tgc tgc ttt gga ggg aag gat tac tct   768
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Asp Ile Pro Ser Lys Thr Val Cys Arg Trp Asp Ser Ile Ser Asn Arg
         35                  40                  45

Val Gln Arg Val Gly Val Asp Ala Pro Val Ser Ser Val Ala Leu Arg
     50                  55                  60

Gln Ser Gly Gly Tyr Val Ala Thr Ile Gly Thr Lys Phe Cys Ala Leu
 65                  70                  75                  80

Asn Trp Glu Asp Gln Ser Val Phe Ile Leu Ala Met Val Asp Glu Asp
                 85                  90                  95

Lys Lys Asn Asn Arg Phe Asn Asp Gly Lys Val Asp Pro Ala Gly Arg
            100                 105                 110

Tyr Phe Ala Gly Thr Met Ala Glu Glu Thr Ala Pro Ala Val Leu Glu
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Arg His Gln Gly Ser Leu Tyr Ser Leu Phe Pro Asp His Ser Val Lys
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Lys Tyr Phe Asn Gln Val Asp Ile Ser Asn Gly Leu Asp Trp Ser Leu
145                 150                 155                 160

Asp His Lys Ile Phe Tyr Tyr Ile Asp Ser Leu Ser Tyr Thr Val Asp
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Ala Phe Asp Tyr Asp Leu Pro Thr Gly Gln Ile Ser Asn Arg Arg Thr
            180                 185                 190

Val Tyr Lys Met Glu Lys Asp Glu Gln Ile Pro Asp Gly Met Cys Ile
        195                 200                 205

Asp Val Glu Gly Lys Leu Trp Val Ala Cys Tyr Asn Gly Gly Arg Val
    210                 215                 220

Ile Arg Leu Asp Pro Glu Thr Gly Lys Arg Leu Gln Thr Val Lys Leu
225                 230                 235                 240

Pro Val Asp Lys Thr Thr Ser Cys Cys Phe Gly Gly Lys Asp Tyr Ser
                245                 250                 255

Glu Met Tyr Val Thr Cys Ala Arg Asp Gly Met Ser Ala Glu Gly Leu
            260                 265                 270

Leu Arg Gln Pro Asp Ala Gly Asn Ile Phe Lys Ile Thr Gly Leu Gly
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Val Lys Gly Ile Ala Pro Tyr Ser Tyr Ala Gly
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